

Bradford Island EPA USACE Check In call 7/28/2022

EPA: Helen, Rich

USACE: Chris, Kristen, Bill

Prior to the call, Chris sent three agenda topics:

- 2021 Supplemental Sandblast Area data
- Groundwater sampling update
- Future meetings to include states as support agencies

For future months, USACE will extend invitation to Oregon, Washington

Action: Helen to send Chris list of EPA team members to include

Topic 1 – Sandblast ~~Grit~~ Area 2021 Soil Sampling

Kristen has been analyzing the soil data to determine whether any additional COCs should be brought into the list of COCs and to ensure that risk-based concentrations based on the historical data are protective of this area. Do not want to re-do risk assessments (TAG agreed). In general, soil concentrations were similar to or lower than those of the historical data. One chemical, Upshot is yes, but just one—di-n-butyl phthalate will be added to the COC list. For the rest of the chemicals, the concentrations didn't increase, or they were below screening levels, or (in the case of mercury), they were above SL but would not result in an HQ>1.

Points in this discussion:

One consideration = disposal cost. Assume some material will need to go to Subtitle C landfill. USACE was right on that; soil from one area, DU– SA-1, failed TCLP for lead.

PAHs in soil around location of two former ASTs near the Hazmat storage pad.

Two types of samples:

- Discrete samples, taken from 0 to 3 feet bgs. 30 of these. No sieving; USACE was asked not to sieve. Did remove duff layer, pick out large chunks.
- ISM samples collected from Decision Units – increments collected from 0 to 1 foot bgs. Includes one DU in a reference location near the water tower. ISM samples dried and ground.

One oddball result – high concentration of nickel ~~(?)~~ in a sample from the hillside that was two orders of magnitude greater than the rest of the dataset. otherwise pretty clean.

Did triplicates in some DUs as QA/QC measure. Included background station to ~~they can~~ calculate a 95 UCL on that one.

Kristen showed Excel file with her data screening. Helen asked about how outliers were handled, expressed concern about removing outliers from ISM data set (since each sample should be a good representative of its area, harder to argue something is an anomaly)

Kristen has internal deadline in September but unclear when EPA and States will see the draft report; Kristen would need to check the schedule.

Groundwater data -- Dan out today, gave Chris a quick update to pass along.

- Final validated data expected in August.
- Preliminary data similar to previous round of sampling; if anything, concentrations are lower.
- Data report should be available in October
- Data ~~will~~ report will include comparison to prior sampling event and SLVs but no other analysis

River OU A&E contract

- Negotiations going well, hope to award soon.
- Several planning steps early in the contract, including meeting with EPA and the States
- Plan to develop FSP and QAPP over the winter, be ready to sample before window closes in April 2023.
- Sediment traps and ADCP deployment will likely be delayed until the fall because they need to be out there for a while. By the time we have a QAPP, there won't be enough time until they'll need to be pulled in April.

Community Interviews

- Ongoing, have done more than 40 to date
- Chris meeting with KTR tomorrow

Other

- Passive samplers – ~~chemical analysis complete, reanalysis comparison to the for~~ full list of PCB congeners deferred due to more pressing priorities
- Fish tissue – 2020 data including reanalysis for full PCB congener list – hope to get draft report out this fall
- Fish tissue 2022 samples – are at the lab now, expect initial, unvalidated data in September